



Unilong Industry Co., Ltd

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CERTIFICATE OF ANALYSIS

Product Name:	Glycyrrhizic acid ammonium salt	Batch No.	JL20230908
CAS	53956-04-0	MF Date	Sep.10,2023
Packing	25kg/drum	Analysis Date	Sep.10,2023
Quantity	3Ton	Retest Date	Sep.09,2024
Item	Standard	Result	
Appearance	White,yellowish-white or light yellow powder	Complies	
Identification	Positive reaction	Complies	
Specific optical rotation	+45.0°~+53.0°	+50.5°	
Loss on drying	≤7.0%	5.3%	
Ash	≤0.5%	0.18%	
As	≤2.0mg/kg	Complies	
Pb	≤2.0mg/kg	Complies	
Assay(HPLC)	Not less than 73.0%of C ₄₂ H ₆₅ NO ₁₆	74.10%	
Conclusion	Qualified		

Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng